

Haier®

OWNER' S MANUAL

LE19K800/LE22K800/LE24K800

Haier

Please READ this manual carefully before
operating your TV, and retain it for future
reference.

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

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Important Safety Instructions

Thank you to choose the LCD TV with LED backlight made by our company, a valuable product with excellent quality and multiple functions. This machine will bring you more audiovisual enjoyment. Its design can insure user's safety. All machine are strictly tested before leaving factory. But incorrect use can lead to electric shock or fire. In order to insure safety and extend its life, please read below regulations carefully before using it and comply with the following safety instructions.

- 1) Read the manual and marking label before using the machine, and keep the user manual for later use.
- 2) There is high voltage inside the machine, follow all the warnings and instructions strictly on the manual.
- 3) Don't use the attachments which are not recommended by the machine manufacturer as they may cause hazards.
- 4) The power cord must be placed correctly so as to avoid be trample or crush.
- 5) Please do not make the power socket overloaded or the power cord extended. Otherwise it will cause fire or electrical shock.
- 6) If you are going to pull out the power cord from this product, please dry your hands, pull the cord by grasping the plug. Never pull the cord itself.
- 7) If you will not use the machine for a long time, please pull out the power cord. Do not keep the sleeping mode for too long time.
- 8) Please put this machine in the place of well ventilation instead of extremely hot, cool or moist, and direct sunshine.
- 9) The slots on the case is designed to release heat so as to assure that all inside components will not reach an extra high temperature and can work normally for a long time. Please do not cover the holes while place it. Don't place the machine near or over heat source or place in built-in installation.
- 10) The power cord must be taken off before you clean the machine. Don't use the liquid cleanser or aerosol cleanser. It is recommended to use a wet soft cloth to clean the machine. Don't use the alcohol, impregnant or ammoniac liquid to wipe the screen.
- 11) Please don't place it on an unstable position so as to avoid falling off.
- 12) Don't place the LCD TV near water source, like a bathtub, pool, washing machine, or moist cellar and similar environment.
- 13) The LCD panel is fragile and expensive. The surface of the panel is easy to be scratched. Please don't use the hard

thing to knock, press, score the panel. Otherwise it will be harmful for the panel. The exchange cost is very high.

- 14) There is high voltage inside the machine but no parts which can be repaired by users themselves. In order to assure the people's safety, please don't open the case to repair it by yourself. If it is needed to repair, please contact qualified engineer to repair.
- 15) All cables can be connected or pull out only after power supply is turned off.
- 16) During a thunder rain weather, do not touch the power cord and antenna cable.
- 17) When the following troubles occur, please pull out the plug and call the professional engineers to repair.
 - A. The cable or plug is damaged.
 - B. The product was fallen down or the case is damaged.
 - C. Obvious abnormal situation occurs. In spite of correct operation according to the user manual but it still can't work normally.
 - D. Some abnormal substances or liquid fall into it.
 - E. Unusual sound or smell sends out.
- 18) When the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- 19) The machine should not suffer from waterdrop or watersplash, do not place the vessel with water (or other liquids) on it, for like this it is possibly to cause fire or electric shock.
- 20) The attaching plug should be inserted into the power point completely, otherwise it may cause spark to bring fire.
- 21) Please do not put candle, ash-tray, incense, inflammables or explosive nearby this machine.
- 22) Please do not stretch into any sharp object, metal or liquid, or touch the signal attachment or the inner of radiation hole, in order to avoid short circuit and product damage, or possibly causing electric shock. Especially pay attention when there are children on the spot.
- 23) Please don't use the machine immediately when moving the machine from low temperature place to high temperature one, or install and use at the place of facing air conditioning, otherwise it may cause the condensation in the machine, to cause fault.
- 24) Must be careful when moving this machine, avoiding being struck, especially pay attention to protect the screen part. In addition, if using handcart, must note the injury as the product is overturned from the handcart because of hard braking, overexerting and uneven ground.

Product Introduction

General Information

- High-quality LED backlight LCD screen, energy saving, environmental protection, ultra-thin, brilliant features.
- Having inter high quality speakers, which will give you purely audiovisual enjoyment and save your table place.
- Having many ideal connectors, you may directly connect your DVD, vidicon etc. its disport components of input connector let you enjoy beautiful image effect. The product can be used as a computer monitor with VGA and HDMI connectors. Also it can be used as a TV machine when you insert the antenna.
- Much faster response time will completely eliminate shadow of picture. seeing film and playing game may be more fluent.
- Enough colours can reach 16.7 millions kinds .
- Wider viewing angle, higher brightness, higher contrast, lower consumption.
- Intelligent image mode and sound mode can offer you intelligent audiovisual effect.
- Built-in the latest digital comb filter, which makes image more clear. The internal 3D De-Interlace technique can totally eliminate the screen dithering caused by interlace signals.
- Own perfect timing functions, you can set time to turn off. It will be turned off in state of no signals, too.
- Automatically operated convenient with telecontrol device.
- Auto-setup function help you set the image to best performance in several seconds in PC mode.
- Auto color balance adjustment technology takes your machine to the best color setting for all different kinds of display adapters in PC mode.
- Automatic denoise technique can greatly eliminate background noise caused by menu interference and the noise caused by weak signals so as to make the picture on the screen clear.
- Support USB interface.

Features

- interface specification:

Interface	Specification
VGA	DB-15, 75Ω 0.5~0.7Vp-p H/V:TTL Level (Support mode refer to VGA Input Mode)
HDMI	Video signal: 1080p, 1080i, 720p, 576p, 576i, 480p, 480i Audio: LPCM 48KHz, 44.1KHz, 32KHz, 24Bit, 20Bit, 16Bit
CVBS Input/Output	75Ω 1Vp-p (PAL/NTSC/SECAM)
S-VIDEO Input	Y: 75Ω 1Vp-p; C: 75Ω 0.286Vp-p
YCbCr/Ypbpr	Y: 75Ω 1Vp-p; Cb/Cr: 75Ω 0.7Vp-p Signal mode: 1080p, 1080i, 720p, 576p, 576i, 480p, 480i
Audio Input/Output	20KΩ, 0.5Vp-p
TV(RF)	75Ω Imbalance
Earphone	16~300Ω 100mW+100mW

- The Technical Specifications for Final Product

Panel size	18.5"	21.5"	23"
Max. Resolution	1366×768	1920×1080	1920×1080
Best resolution	1360×768@60Hz	1920×1080@60Hz	1920×1080@60Hz
Pixel pitch	0.3mm×0.3mm	0.24825mm×0.24825mm	0.2655mm×0.2655mm
Active area	409.80mm×230.40mm	476.64mm×268.11mm	509.76mm×286.74mm
Unpacking Dimension(L×H×W)	469×362×36 mm	535×394×36 mm	568×418×36 mm
Packing Dimension(L×H×W)	528×415×100 mm	595×445×100 mm	630×465×100 mm
Net weight	4.0Kg	5.0Kg	4Kg
Gross weight	5.0Kg	6.0Kg	5Kg
Color	16.7M	16.7M	16.7M

Power adapter: 100-240VAC 60/50Hz Volume: 3W+3W
TV receive system: PAL+NTSC/PAL+SECAM Storage channels: 199

- Working Environment: Atmosphere pressure: 86kPa~104kPa Temperature: 5°C~40°C Humidity: 10%~85%
- Storage Environment: Atmosphere pressure: 86kPa~104kPa Temperature: -20°C~55°C Humidity: 5%~95%
- VGA input mode

18.5"

S/N	Mode	Resolution	Refresh(Hz)
1	VGA	720×400	70
2		640×480	60
3	SVGA	800×600	60
4	XGA	1024×768	60
5	WXGA	1360×768	60

Note: Recommended mode: 1360×768@60Hz

- Power supply: Comply with EPA standard, compatible with VESA DPMS standard.

Mode	Power LED indicator	Power consumption	
		18.5" / 21.5"	23"
On	Off	≤35W	≤40W
Standby	On	≤1W	≤1W

Note: This specification is subject to change without notices. If there are differences between manual and real operation, please do according to real operation.

Listing

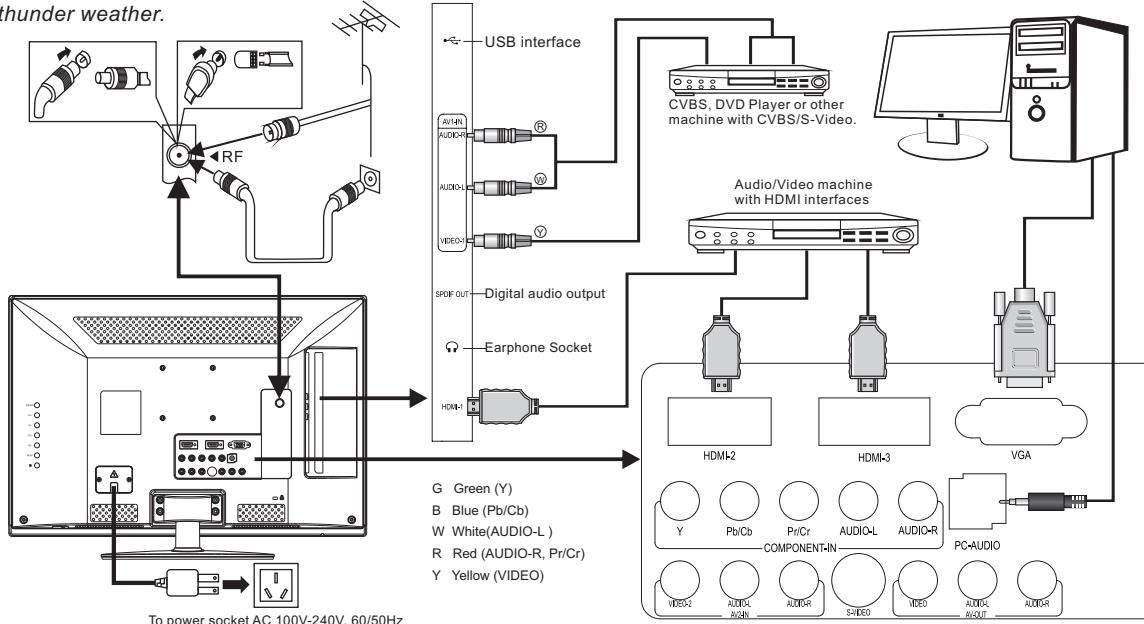
Please make sure that all of the following items are complete:

- LCD TV (Include base)
- User manual
- Remote control

If any of above listed items is missing, please contact your dealer or our service department.

Installation & Connection

Antenna Connection: It is better to use outdoor antenna or CATV cable if you want to watch the colorful and hi-definition pictures. **Note:** Please turn off TV power before the outdoor antenna is connected to the TV signal input port. Outdoor antenna can't be located near the high-voltage wires. Please pull out the plug of outdoor antenna to avoid thunder shock in thunder weather.



Power Connection: Insert the power plug into the socket of the electrical source (AC 100V-240V, 60/50Hz).

Notes:

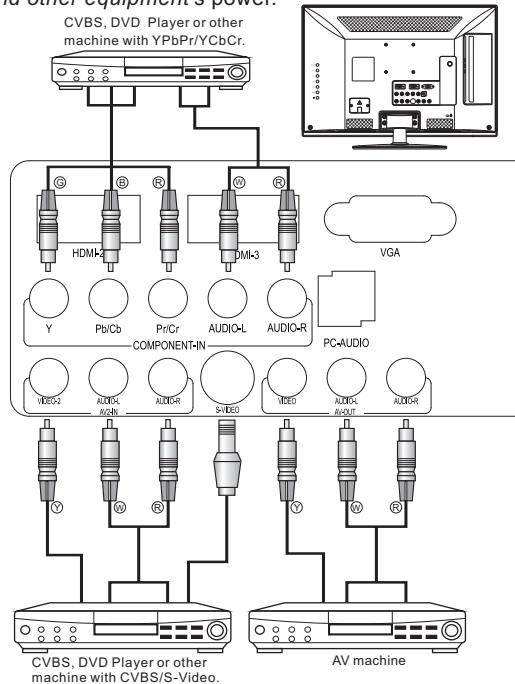
1. When connecting the power cord, be sure to turn off the machine and other equipment's power.
2. If a long time at leisure, please disconnect it from power supply.
3. This TV must be connected to a three pin socket outlet for safety.

Computer Connection: Please connect one end of VGA cord with the output port of the computer (available for both desktop or laptop computer), and another end of VGA cord with the input port of the VGA on its rear cover.

HDMI Digital Port Connection: Connect external HDMI high signal source to HDMI digital input port of this machine through HDMI digital connector cable; push "SOURCE" button to select HDMI signal source.

AV1/AV2 Video Signal Connection: Through composite cable, connect AV equipment VIDEO output termination to this machine VIDEO input, and AV equipment AUDIO output termination to this machine AUDIO input, respectively; Press "SOURCE" key to select "AV1" or "AV2" signal source.

SPDIF-OUT: Digital audio output, connect an external amplifier with optical audio decoding device.



Earphone Socket: The TV speakers will be shut off when earphone is inserted into this socket.(Please adjust the volume to a suitable size, to avoid sounds excessive to affect the hearing.)

S-VIDEO Input Connection: Through S-VIDEO/AUDIO cables to connect external AUDIO/VIDEO equipment to the machine's AUDIO/VIDEO input port, and press "SOURCE" key to select "S-VIDEO" signal source

AV-OUT Connection: If you need watch image of DV and connect your TV game machine, you can connect audio or video output end of DV and game machine to the monitor.

YPbPr/YCbCr Input Connection

If the signal source is DVD, Digital wired receiver or equipments with the YPbPr/YCbCr output, recommends you to connect YPbPr or YCbCr output with the TV YPbPr/YCbCr input. In order to obtains the better picture quality, at the same time, please connect its audio output with TV audio input as shown in the following chart. If you choose the YPbPr/YCbCr signal, please set signal source selection under YPbPr pattern.

Base installation

Base equipment act as the picture. Equip the base with the machine according to arrow point, and lock the bolt tightly.



Wall Mounting subassembly installation

Installation for VESA Wall Mounting

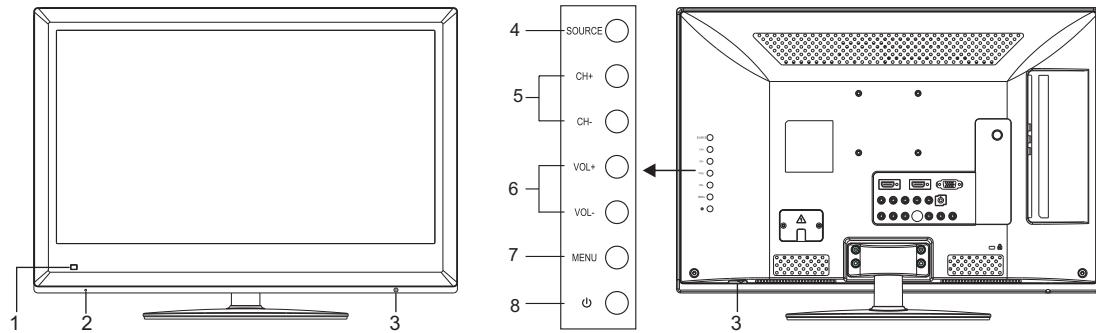
1. Take off the base subassembly
2. Fasten the wall mounting board. (The height can be confirmed by the user)
3. Fasten the wall mounting stand at the position of VESA on the rear cover with bolts.
4. Spin M4 bolts into the left-right nuts on the wall mounting stand. 3-4 mm of depth from bolts washer to stand is recommended.

5. Hang the machine onto the slot of the wall mounting board. Then lock the two bolts on the sides.

Note: ● Installation method is different because of Hanging arm hardware's structure.

- Must install the wall pendant on firm wall surface, please do not install this machine on ceiling or vehicles.

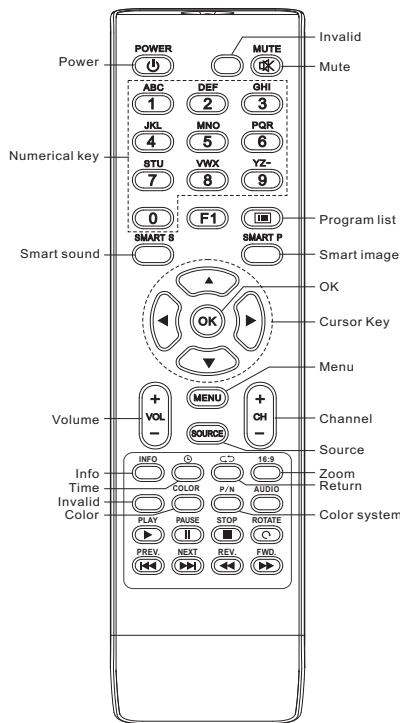
Panel Control Keys



1. Remote Receiving Sensor.
2. Power Indicator.
3. ① Power switch.
4. SOURCE: Press this key to enter the menu of signal source and choose signal source.
5. CH+/CH-: Press these two keys to choose channel, and adjust the options you need under OSD operation.
6. VOL+/VOL-: Press these two keys to add or reduce volume, and adjust the analog value under OSD operation.
7. MENU: Press this key to enter main menu.
8. ② Power on/Standby .

Note: There are some apparent differences between modes, please according to practicality.

Remote Control



Key	Function
POWER	Turn on or standby
MUTE	Eliminate sound
Numerical key	Number input button
F1	Freeze picture
Program list	Look through program list
SMART S	Intelligent sound mode selection
SMART P	Intelligent image mode selection
Smart sound	Up or Down cursor button: function select; Left or right cursor button: analog add or reduce
OK	Sound volume add or reduce button
Cursor key	Press this button to display menu
Menu	Press this button to display signal source selection menu
SOURCE	Select channel Number
CH+/CH-	System information display switch
INFO	Timer setting button, press this key can set time of turning down.
16:9	Press this button to return to last watching channel
Color	Switch aspect ratio
P/N	Color temperature mode selection button
AUDIO	Color system mode selection button
OK	Select audio mode
PLAY (►)	Confirm operation
PAUSE ()	For USB operation

STOP (■)	For USB operation
ROTATE (C)	
PREV. (◀◀)	
NEXT (▶▶)	
REV. (◀◀)	
FWD. (▶▶)	

Remote control battery installation method:

Take off the cover of battery box, fix two AAA batteries with 1.5 volt, and conform with the polarity of remote control battery box.

Note: Appearance of the remote control may be different from this picture, please according to practicality.

Precautions for use of remote control:

1. When using remote control you should point it to the remote-control inductive window. The goods between remote control and inductive window may hinder normal operation.
2. Do not cause the remote control to receive fierce vibration. In addition, do not set or place the remote control under direct sunlight, for the thermal energy will cause the distortion of remote control.
3. When remote-control inductive window of main machine is under direct sunlight or intense illumination, the remote control may malfunction, by now, please change the angle of illumination or this machine, or approach the inductive window to operate the remote control.
4. When the battery voltage is insufficiency it influences the remote control distance, you should replace with new battery; when not to use the remote control for long or the battery is exhausted, please take out the battery, in order to avoid bringing the battery leakage to corrode the remote control and thus cause it out of commission.
5. Do not use different batteries. The mix use of new and old batteries is not allowed, you should use battery pair.
6. Do not throw battery into fire, charge or disassembly, especially do not charge, assemble and disassemble, heat or burn to the used battery. Please observe the related environmental protection stipulation on wasted battery.

Basic Operation Instruction

Power On

Plug power cord into the electrical socket, press "①" button on the control panel, then press "④" key on the control panel, or press "POWER" key on the remote control to turn on the TV.

Standby

Press "Power"key on the remote control. TV will be in standby.

★Special Attention:

1. TV set will automatically turn to standby if there is no signal input for 5 minutes when TV turns on.
2. TV set will automatically turn to standby when the preset time of turning off reaches.
3. If you do not use it for a long time, please turn off the power supply for the machine. Do not let the machine work in standby state for a long time.

Signal Source Selection

Press "SOURCE" key either on the remote control or on the control panel. "Input Source" will be displayed on the screen. Then press "Up/Down" key on remote control or "CH+/CH-" key on the control panel to choose the signal source. Press "OK" key on the remote control or "MENU" key on the control panel and TV will switch the current signal source to the signal source you choose.

Input Source
TV
AV1
AV2
S-VIDEO
YPbPr
PC
HDMI1
HDMI2
HDMI3
USB

Menu Operation Instruction

Press "MENU" key on the remote control or on the control panel, then the TV will display the main menu.

1. Press "Left/Right" key on the remote control or "VOL+/VOL-" key on the control panel to select the adjustment sort menu, which includes 4 sorts: PICTURE, SOUND, OSD, TV.
2. Press "Down"key on the remote control or "CH-" on the control panel to enter the adjustment sort menu.

3. Press "Up/Down" key on the remote control or "CH+/CH-" on the control panel to select what is needed to adjust in sort menu.
4. Press "Left/Right" key on the remote control or "VOL+/VOL-" on the control panel to adjust the value or setting.
5. Press "Menu" key to exit the main menu when the TV displays the Main Menu; Press "Menu" key to return to previous menu when the TV displays the submenu; Press "Source" key to display the signal source menu or exit signal source menu.
6. During the operation, the selections which can not be adjusted at current mode will be hidden automatically and the color of the selections will be changed into gray.
7. Menu Operation Instruction in this manual is explained according to TV mode. The operations in other modes are similar to the one in TV mode. Users can take it as reference.



PICTURE

Select  to enter the PICTURE submenu. Press "Up/Down" key on the remote control or "CH+/CH-" key on the control panel to choose what you need. Press the "Left/Right" key on the remote control or the "VOL+/VOL-" key on the control panel to adjust analog value or state (see below table).

★Special Attention

1. The Hue function is available only for NTSC system.
2. The value adjusted by user, such as Contrast, Brightness, Saturation, Hue, and Sharpness will be saved automatically by the machine as personal mode.

★Remote Control Shortcut Keys

SMART P: Press SMART P key on the remote control. You can switch the function among the "Standard", "Soft", "User", "Bright" four modes.

16:9: Press 16:9 key on the remote control, you can switch the mode among the "Full", "4:3", "Subtitle", "Film" four modes.

Option	Function	Description
Picture Mode	Select picture mode	"Standard", "Soft", "User," "Bright" four modes.
Contrast	Adjust the contrast of whole picture	Increasing analog value increases Contrast; Decreasing analog value decreases Contrast(0-100).
Brightness	Adjust brightness and blackness of whole picture	Increasing analog value increases brightness; Decreasing analog value decreases brightness(0-100).
Saturation	Adjust the saturation of whole picture	Increasing analog value increases color; Decreasing analog value decreases color (0-100).
Hue	Adjust the hue of whole picture	Increasing analog value increases green; Decreasing analog value increases purple(0-100).
Sharpness	Adjust the sharpness of whole picture	Increasing analog value increases definition; Decreasing analog value decreases definition (0-100).
Aspect Ratio	Select picture scale	"Full", "4:3", "Subtitle", "Film" four modes
Color Temp	Select color temperature mode of the picture	There are three Color Temperature modes: "Standard", "Warm", "Cool".
Noise Reduction	Select model of 3D NR	"Middle", "High", "Off", "Low".

SOUND

Select  to enter the SOUND submenu. Press "Up/Down" key on the remote control or the key "CH+/CH-" on the control panel to choose what you need. Press the "Left /Right" key on the remote control or the "VOL+/-" key on the control panel to adjust analog value or state (see below table).

★Special Attention

1. Normally, 0 value of adjustment is recommended;
2. The treble or bass analog value which is adjusted by the users will be saved as the User mode by the machine



★Remote Control Shortcut Keys

SMART S: Press SMART S key on the remote control. You can switch the function among the, "Standard", "Music", "Movie", "User" four modes.

MUTE: Open or close sound.

VOL+/VOL-: Add or reduce volume.

Option	Function	Description
Sound Mode	Adjust audio effect mode	"Standard", "Music", Movie", "User" four modes.
Treble	Adjust treble value	Increasing analog value increases treble; Decreasing analog value decreases treble (0-100).
Bass	Adjust bass value	Increasing analog value increases bass; Decreasing analog value decreases bass (0-100).
Balance	Adjust balance of left or right sound	Increasing analog value decreasing left volume; Decreasing analog value decreases right volume(L50-R50).
Auto Volume	Select Auto Volume	"On/Off", two states.

OSD

Select  to enter the OSD submenu. Press "Up/Down" key on the remote control or "CH+/CH-"key on the control panel to choose what you need.

Press the "Left/Right" key on the remote control or the "VOL+/VOL-" key on the control panel to adjust analog value or state (see below table).



Option	Function	Description
OSD Language	Select language for OSD display	There are many languages to select
OSD Duration	Adjust duration of OSD menu	Increasing analog value, extend duration time of OSD menu; (15, 30, 45, 60). Unit: second
OSD Transparency	Adjust halftone of OSD menu	Increasing analog value increases halftone; Decreasing analog value decreases halftone(0-100).
Blue Screen	Open or close blue screen	"On/Off", two states.
Sleep Time	Set sleep time of the machine	"Off, 15M, 30M, 45M, 60M, 90M, 120M, 240M", unit: minute.
Recall	Resume to setting of factory	Reset all values to setting of factory.

TV

Select  to enter the TV submenu. Press "Up/Down" key on the remote control or "CH+/CH-" key on the control panel to choose what you need.

Press the "Left/Right" key on the remote control or the "VOL+/VOL-" key on the control panel to adjust analog value or state (see below table).

Option	Function	Description
Color System	Select color system	"PAL, NTSC, AUTO" three modes.
Sound System	Select sound system	"I, DK, M, BG" four modes.
Skip	Select skip or not	"Off/On" two states.
Auto Search	Select auto search	Please refer to "Auto Search"
Manual Search	Select manul search	Please refer to "Manual Search"
Fine Tune	Select fine tune	Please refer to "Fine Tune"
Channel Edit	Select channel edit	Please refer to "Channel Edit"



Auto Search

Select  to enter the submenu of TV. Then press "Up/Down" key on the remote control or "CH+/CH-" on the control panel to select "Auto Search". The machine perform search after pressing "Right" key on the remote control or "VOL+" on the control panel. (In the process of searching the channel automatically, press the key of "MENU" on the remote control, a dialogue of "Do you want to exit searching?" display on the screen. Press "Left" cursor key to confirm and exit.

Press "Right" cursor key to cancel operation and continue auto search). All of the TV programs will be saved automatically.

Manual Search

Select  to enter the submenu of TV. Then press "Up/Down" key on the remote control or "CH+/CH-" on the control panel to select "Manual Search". Then press the key of "Right" on the remote control to enter submenu of Manual Search. Press "Left/Right" key on the remote control to select channel No.. Press "Up/Down" key on the remote control to select "SEARCH", press "Left/Right" key on the remote control again, the machine begin searching toward low frequency or high frequency. (In the process of searching the channel automatically, press the key of "MENU" on the remote control to stop searching).

Fine Tune

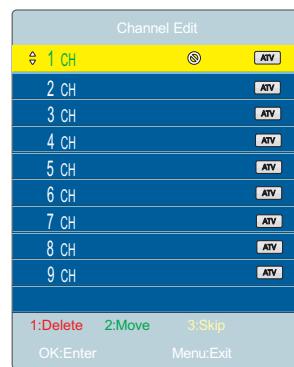
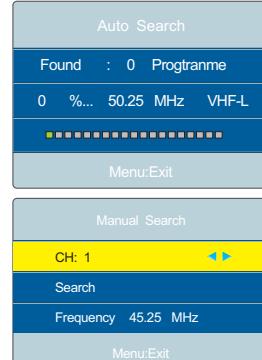
Select  to enter the submenu of TV. Then press "Up/Down" key on the remote control or "CH+/CH-" on the control panel to select "Fine Tune". Press "Left/Right" key on the remote control to adjust from low frequency or high frequency.

Channel Edit

Select  to enter the submenu of TV. Then press "Up/Down" key on the remote control or "CH+/CH-" on the control panel to select "Channel Edit". Press "Right" key on the remote control to enter submenu of "Channel Edit"

Delete: Press "Up/Down" key on the remote control to select channel which you wish delete. Press "1" key on the remote control, press "MENU" key to return.

Move: After select channel, press "2" key on the remote control, then press "Up/Down" key on the remote control to select position where you wish place, then press "MENU" key on the remote control to return.



Skip: Press "Up/Down" key on the remote control to select channel, press "3" key on the remote control to open or close "Skip".

Select Channels with "CH+/CH-" Key

Press "Channel" key on the remote control or "CH+/ CH-" key on the control panel to select the channels. Select channels with the Return key you can go to the last channel when pressing the Return key. For example, if the last channel is 10 and the current channel is 20, you will go to channel 10 when pressing the Return key. You can switch the two favourite channels as you like.

Select Channels with Numeric Keys

1. Operations to select channels with 1 digit (0-9):

Press the number keys (0-9)on the remote control to select TV channel directly.

2. Operations to select channels with 2 digits (10-99):

Press the number keys with 2 digits (10-99) on the remote control to select TV channels.

3. Operations to select channels with 3 digits (100-199):

Press the number keys with 3 digits (100-199) on the remote control to select TV channels.

Hotel Function(optional)

Press "MENU" key on the remote control to display the main TV menu, and then press "4578" on the remote control to display the hotel function menu. Press "Up/Down" key to enter into the menu and select the item which you need to adjust, and then press "Left/Right" key to adjust the value or state.

HOTEL MODE	
	ON
CH LOCK	OFF
MAX VOL	100
AUTO SET	ON
PICTURE MODE	STANDARD
POWER VOL	30
POWER SOURCE	TV
CH NUMBER	1
KEY LOCK	OFF
LOCK CH NUM	1
LOCK	OFF
CLONE	▶

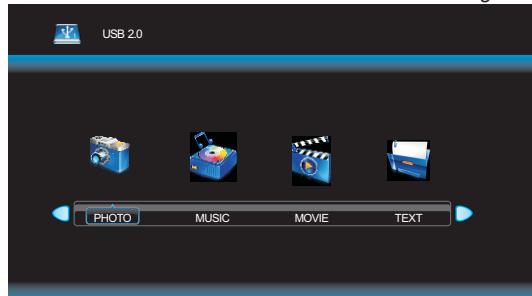
Note: With the mode of AV, S-VIDEO, YPbPr, PC, HDMI, all functions and adjustments are similar with TV. User can check it at convenience. HDMI connector can realize DVI connector function with external HDMI/DVI commutator.

USB Signal Source Operation

Please insert USB memory card into USB interface of TV, press "SOURCE" key on the remote control or control panel to select USB signal source, press "OK" key to enter.

Note:

- ① *USB function support file format with video file/sound file/graphic file/text file. For some nonstandard USB storage devices, may appear condition of unable recognize, please replace the standard USB storage device.*
- ② *Streaming media system to play a file for each format has certain limitations, if more than the system limit, then play will be wrong.*
- ③ *Do not pull up USB storage devices when system playing, this may result in system or equipment problems*
- ④ *The system supports USB1.1 and USB2.0 connector, the standard transport protocol such as U disk and removable hard disk storage devices.*



Press "Left/Right" key on the remote control to select the document sort menu, which includes 4 sort: PHOTO, MUSIC, MOVIE, TEXT.

★Remote Control Shortcut Keys

The last two row keys on the remote control are used for USB operation.

PHOTO

Select to enter the PHOTO submenu. Select your mobile U disk or hard disk, and press "OK" key on the remote control to read your photo documents.



Select  to return previous menu. Press cursor key on the remote control to select photo and press "OK" key (After the photo was selected, the file lower right corner shows a red hook. you can choose photos to join playlist.). Press "PLAY" key on the remote control to play. when you choose nothing, the machine will join all the photos in the file in playlist automatically.

Basic Function

When photos are playing, press "INFO" key on the remote control, a toolbar will display under the screen (Press "Down" key on the remote control to hide toolbar).

	Play/Pause: Press "Left/Right" key on the remote control to select this function, press "OK" key to play or pause .
	Prev.: Press "Left/Right" key on the remote control to select this function, press "OK" key to read previous photo.
	Next: Press "Left/Right" key on the remote control to select this function, press "OK" key to read next photo.
	Stop: Press "Left/Right" key on the remote control to select this function, press "OK" key to stop playing and return to previous menu.
	Repeat: Press "Left/Right" key on the remote control to select this function, press "OK" key to select repeat One or repeat all or not repeat.
	Music: Press "Left/Right" key on the remote control to select this function, press "OK" key to play background music.(Musics and photos need to place in the identical folder, or you may select some music in music file first.)
	Playlist: Press "Left/Right" key on the remote control to select this function, press "OK" key to show playlist.
	Info. : Press "Left/Right" key on the remote control to select this function, press "OK" key to show the information of photo. Including resolution, size and so on.
	Clockwise: Press "Left/Right" key on the remote control to select this function, press "OK" key to clockwise rotation photo.
	Counter-clockwise: Press "Left/Right" key on the remote control to select this function, press "OK" key to counter-clockwise rotation photo.

MUSIC

The operations are similar to the "PHOTO". Please refer to "PHOTO" options.

Basic Function

	FB: Press "Left/Right" key on the remote control to select this function, press "OK" key to fast back. Press "PLAY" key to play normally.
	FF: Press "Left/Right" key on the remote control to select this function, press "OK" key to fast forward. Press "PLAY" key to play normally.
	Select time: Press "Left/Right" key on the remote control to select this function, press "OK" key to select the time to play .

Other functions are similar to the "PHOTO", Please refer to "PHOTO" options.

MOVIE

The operations are similar to the "PHOTO". Please refer to "PHOTO" options.

Basic Function

	Set A: Press "Left/Right" key on the remote control to select this function, press "OK" key to set A and B, the film will circulating play in the time of A to B.
	SF: Press "Left/Right" key on the remote control to select this function, press "OK" key to slow down play speed. Press "PLAY"key to play normally.
	Step: Press "Left/Right" key on the remote control to select this function, press "OK" key to play one step by step. Press "PLAY"key to play normally.
	Zoom in: Press "Left/Right" key on the remote control to select this function, press "OK" key to enlarge picture. (If the document is larger than 1920×1080, this function is unsupported.)
	Zoom out: Press "Left/Right" key on the remote control to select this function, press "OK" key to reduce picture. (This function does not support more than 1920×1080 HDvideo.)
	Proportion: Press "Left/Right" key on the remote control to select this function, press "OK" key to select proportion among Auto/4:3/Full.(This function does not support more than 1920×1080 Hdvideo.)

TEXT

The most operations and functions are the similar to "PHOTO". Please refer to "PHOTO" options.

Simple Troubleshooting

Symptom	Factor	Solution
Snowflake speckle and sound noise.	1.Antenna cable connector is loose, cable is damaged. 2.Channel setting is incorrect. 3.Antenna cable type is not matching. 4.Direction or position of antenna cable is incorrect. 5.Signal is weak.	1.Check the antenna cable connector plug whether or not loose, cable whether or not perfect. 2.Refer to channel setting method, resetting again. 3.Check antenna cable type(VHF/UHF) 4.Adjust direction or position of antenna cable . 5.Attempt to use signal amplifier.
TV image is better, but has noise.	TV system setting is incorrect.	Enter to "TV" menu, reset sound system again .
No image. No sound.	Power plug is loose, power cord don't connect well.	1.Check power cord whether or not connect well. 2.Check if "①" on the panel is on.
TV image have stripe.	Signal is exposed to disturb, such as car, neon light, electric blower etc.	Don't use electric blower around machine, adjust antenna cable direction to reduce disturb.
TV image have shadow.	1.TV signal is reflected by valley or building. 2.Toward direction of antenna cable is incorrect.	1.Use high directional antenna cable. Use Fine Tune of "TV". 2.Adjust toward direction of antenna cable.
No color.	1.Color saturation is too low. 2.Color system is incorrect .	1.Enter "PICTURE" to add up color saturation. 2.Enter "TV" to change color system.
TV no sound.	1.Volume setting is too low. 2.Sound is muted. 3.Sound system is incorrect.	1.Adjust volume to proper value. 2.Press "MUTE" button on remote control to eliminate mute. 3.Enter "TV" to change sound system.

Symptom	Factor	Solution
Computer no display, and prompt no signal input, red indicator LED twinkling.	Signal cable is loose or fall off.	Check signal cable whether or not loose, fall off, reconnect well again.
Remote control distance is short, lose control.	1.Receive window of remote continue was covered by objects. 2.The battery energy of remote control is to low.	1.Remove objects, avoiding cover the receive window of remote control. 2.Change battery.
Computer display faintly.	1.Adjustment is incorrect. 2.Display mode is incorrect.	1.Use auto-adjustment function. 2.Use commend mode.
Computer display image excursion, not full screen, over screen.	1.Adjustment is incorrect. 2.Display mode is incorrect.	1.Use auto-adjustment function. 2.Enter "GEOMETRY" to adjust horizontal or vertical position. 3.Use recommended mode.
Noise Signals at turning off.	Electrical release at turning off.	It is normal.
Can not operate this machine.	Exterior influence, for example lightning, static electricity and so on, which are possibly to disturb the normal operation of this machine.	Press "①" button to turn off electrical source, then press "①" button to turn on the TV again after 1-2 minutes.

CAUTION: Don't let your machine display the same picture for a long time, please set up a screen protection procedure. If a high contrast picture remains for along time, this picture will bring a 'leave shadow' in screen. Usually the 'leave shadow' will disappear gradually when you turn off the machine power. However, this trouble can't be repaired, Which isn't in range of warranty.

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